

ALINCO

Quality. Style. Performance!

VHF/UHF FM HANDHELD TRANSCEIVERS

DJ-A11 136-174MHz

DJ-A41 400-470MHz



Simple Operation, Advanced Technology.

Just when you thought great audio and tough as nails construction were luxury features available only on the most expensive models, and just when you thought simple, intuitive operation was a thing of the past, along comes the Alinco DJ-A11/A41.

Measuring a tiny 59.0 x 98.0 x 35.0 mm (with battery pack), the DJ-A11/DJ-A41 is designed with practical and versatile operation in mind. The DJ-A11/DJ-A41 is fully PC programmable and PC cloneable up to 128 channels in 8 groups with 16 channels in each group. Features like MIL-spec body, CTCSS/DCS/DTMF signaling, alert tones, voice-compander, channel knob lock, narrow bandwidth, BCLO, TOT, VOX, scans, priority monitoring and more are all standard.

When you need a simple and reliable communications for business, the DJ-A11/DJ-A41 is a cost effective alternative to a mobile/cell phone.

*MIL-STD-883C shock/vibration compliant
*IP54 Dust & Splash-proof compatible



VHF DJ-A11
UHF DJ-A41

CE 07000

RoHS



MIL-STD-883C Compliant
Shock: Method 214.6/1N
Vibration: Method 216.6/1



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INCORPORATED

A great Performer in a Small Package

Features

- 128 channels to program operating parameters via PC utility dealer software
- Comes with a rechargeable Li-Ion pack, desktop quick-charger and high-performance whip antenna
- Ergonomically designed compact body 59.0W x 98.0H x 35.0D mm or 2.32W x 3.86H x 1.38D inches (w/o projections, approx.), weighs approx. 227g or 8.01oz inclusive of battery pack and antenna
- 2 types of Scan functions (Channels/Priority), 50 CTCSS and 116 DCS
- External microphone and speaker ports
- Internal VOX, Voice-prompt in English, Remote-Kill/Stun/Revive, Analog scrambling, Voice compander, Narrow FM, Repeater-reverse, Auto-Power-off, Busy-Channel-Lockout, Time-Out-Timer and more and more at No extra cost!

*IP64 rating classification

- 5: Dust protected / ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment; complete protection against contact
- 4: Spraying water / Water spraying against the enclosure from any direction shall have no harmful effect. Test duration: 5 minutes / Water volume: 10 litres per minute / Pressure: 80-100 kN/m²



shown with EBP-67

Specifications

General

- Frequency coverage: [DJ-A11] 136-174MHz
[DJ-A41] 400-470MHz
- Mode: F3E/16K0F3E / 11K0F3E
- Programmable channels: 128 channels
- Frequency stability: ± 2.5 ppm
- Power supply requirement: 7.4V DC $\pm 20\%$ (negative ground)
- Current drain (Approx.): 1400mA TX / 300mA receive at Max audio output @ 70 mA squelched
- Usable temperature range: -20°C to $+55^{\circ}\text{C}$ (-4°F to $+131^{\circ}\text{F}$)
- Dimensions (Projections not included/approx.):
59.0W x 98.0H x 35.0D mm or 2.32W x 3.86H x 1.38D inches
- Antenna length: [A11] 170mm [A41] 146mm
- Weight: approx. 227g or 8.01oz inclusive of battery pack and antenna

Transmitter

- Output power: Approx. 5 / 2 / 0.5W
- Modulation system: Variable reactance FM
- Spurious emissions: Less than -36 dBm
- Max. frequency deviation: ± 5 kHz / ± 2.5 kHz

Receiver

- Receive system: Double conversion superheterodyne
- Intermediate frequencies: [A11] 98.85MHz / [A41] 26.45MHz
- Sensitivity (12dB SINAD Wide/Narrow): -120 dB or better
(0.25 μ V/0.25 μ V) or better
- Selectivity: -60 dB / Wide 12kHz / Narrow 10kHz or more
 -60 dB / Wide 30kHz / Narrow 24kHz or less
- Audio output power: 1000mW (10% distortion)

Standard Accessories (in strap is included)

Whip antenna	Battery Pack	Rapid Charger/Stand
A11: EA-211 A41: EA-212	EBP-67 Li-ion 7.4V 1500mAh	EDC-189
AD Adapter	Belt Clip	
EDC-191E	EBG-34	

Standard accessories declared herein are not factory default and may vary at moment of sales depending on the market and Dealer's sales policy.

Options



- Mobile DC cable (EDH-40)
- Mobile DC charging cable (EDC-191E)



- Earphone Microphone (EME-55A)



- Microphone (EMS-75)

■ Void: IP64 ingress protection when EME-55A and/or EDH-40 are in use.

Specifications and contents on this brochure subject to change without notice or obligation. Cellular frequencies blocked.

Authorized Dealer:

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• Projections are not included in the declared dimension values.

• FCC and CE logos in this brochure mean that these products have been approved under the business-radio category of relative conformity unless otherwise specified.

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Please be sure to read the instruction manual before using the product for your safety.

Part No. DJ-A11/A41
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